



Figure S6. Absence of FMRP-Dependent Changes in Global Protein Synthesis in the IVT_{EBP} Assay, Related to Figure 6

(A) ³⁵S-methionine incorporation in the IVT_{EBP} assay was linear in the range of assays performed.

(B) Autoradiogram of gel illustrating total ³⁵S-methionine labeling. Addition of ³⁵S-methionine to the IVT_{EBP} system during natural run-off was accompanied by labeling of new proteins over a wide range of molecular weights. Addition of 1.0 uM kcRNA or mutant kcRNA_{C50G} to parallel reactions demonstrates no difference in global protein synthesis in the presence or absence of polyribosome-associated FXRPs.

(C) Quantitation of ³⁵S-methionine incorporation in (B) in the range of molecular weights indicated. Error bars depict s.e.m.